## NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

							ECHNICAL UNIT BORING I				LOG			
PROJECT NO 8.1830501 ID R-2206C					206C	COUNTY LINCOLN				GEOLOGIST J.K. STICKNEY				
SITE DESCRIPTION BRIDGE ON NC 16 OVER KILLIA						LIAN CRI	IAN CREEK					GND WATER		
BORING NO B2-B NBL NORTHING O						HING 0.00	00 EASTING				0.00			0 HR N/A
ALIGNMENT L					BORIN	G LOCAT	ION 199+63.000 O			OFFSET 20.00m RT				24 HR 2.00m
COLLAR ELEV 233.91m					ГОТАІ	DEPTH	11.55m <b>START DATE</b>			TE 7/09/0	3		COMPLETION DA	ATE 07/09/03
DRILL MACHINE CME-550							DRILL METHOD SPT CO			RE BORING			HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH N/A						DEPTH TO ROCK 7.97m						Log B2-B NBL, Page 1 of 1		
ELEV DEPTH		1	OW		PEN		BLOWS PER 30cm		SAMPLE W MOI			SOIL AND ROCK		
		15cm	15cm	15cm	(m)	0 2	5 5 L	0 7	5 10	NO	MOI	Ğ	DESCR	RIPTION
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233.91—	_							Sūrfāce.						
233.91													ALLUVIUM	1 - LOOSE
233.00_	<del>-</del>												GRAY-BROWN SILTY SAND WIT	
=													GRA	RAVEL
=	1.76	2	2	2	0.30	4			=====		может			
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231.00_	_					/								
	 _ 3.28	14	14	18	0.30		32						RESIDUAL - VI	
=	_						$\mathbf{x}$				DRY		HARD GRAY MIC	ACEOUS SANDY LT
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229.00_	_ - 4.80	17	16	23	0.30									
229.00		.,			"		::: <u>/</u> x:::				DRY			
3	_													
=	 _ 6.33	46	54		0.20			3					•	
	_ 0.33	40	) <del>-</del>		0.20					1		3	WEATHER	RED ROCK
227.00									=====					
=	- - 7.85	100			0.08								•	
	7.65	100			0.00				<b>*</b> =====	RUN #1			HARD ROCK - GF	AVUADO MOD
205.00	- -					=====			=====				WEATHERE!	
225.00_									=====					79% RQD=46%
										RUN#2		33	GRAY-WHITE,	HARD, FRESH
. –					1 1								GRANITE, REC	=89% RQD=68%
223.00_										RUN#3		M	GRAY VERY H	ARD, FRESH.
222.36	- -											<b>2</b>	FOLIATED GRAI	VITE, REC=96%
	_							MINATEI				[	RQD:	=55%
#	-					ELEYAJ	LQN 222 - HARD	356 MEJ ROCK						
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SHEET 14 OF 25

## NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1830501

PROJECT ID: R-2206C

**COUNTY:** LINCOLN

SITE DESCRPTION: BRIDGE ON NC 16 OVER KILLIAN CREEK

BORING NO: B2-B NBL COLLAR ELEV: 233.906

**TOTAL DEPTH: 7.97** 

BORING LOCATION (STA): 199+63

PERSONNEL: CEB, AJT DRILL MACHINE: CME-550

TOTAL RUN: 3.58 DRILL EQUIP: NW CASING / NXWL

**GEOLOGIST:** J.K. STICKNEY

DRILLER: C.L. SMITH

OFFSET: 20

CORE SIZE: NXWL DATE STARTED: 7-8-03 DATE COMPLETED: 7-8-03

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
225.936	7.97		1	79	46		TO 8.83 IS GRAY, HARD, MODERATELY WEATHERED, FOLIATED GRANITE WITH VERY CLOSE TO CLOSE FRACTURES, FROM 8.83 TO END OF RUN IS 1 SOLID PIECE OF GRAY-WHITE
224.616	9.29		2	89	68		GRAY-WHITE, HARD, FRESH, GRANITE WITH CLOSE TO MODERATELY CLOSE FRACTURES TO 10.15 THEN, GRAY VERY HARD, FRESH, FOLIATED GRANITE WITH CLOSE FRACTURE SPACING
223.096	10.81		3	96	55		GRAY VERY HARD, FRESH, FOLIATED GRANITE WITH CLOSE TO MODERATLY CLOSE FRACTURE SPACING
222.356	11.55					<b></b>	
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